

STATE OF CALIFORNIA
California Energy Commission

Minutes of the April 6, 2011, Energy Commission Business Meeting.

The meeting was called to order at 10:05 by Chair Robert B. Weisenmiller. The Pledge of Allegiance was lead by Chair Weisenmiller.

Present:

Robert B. Weisenmiller, Chair
James D. Boyd, Vice Chair

Karen Douglas, Commissioner
Carla J. Peterman, Commissioner

1. **CONSENT CALENDAR.** (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
 - a. **TOWN OF LOOMIS.** Possible approval of Amendment 1 to Agreement CBG-09-115 with the Town of Loomis to change the scope of work and reallocate \$6,835 of the operating expense budget. The original proposal mis-estimated the type and quantity of equipment needed. Of the 80 induction lamps requested, only 34 were needed to complete the original scope of work. The revised scope includes a project to replace 22 high pressure sodium lamps at the Town's multi-modal parking facility with induction lamps that will provide additional energy efficiency benefits. There is no change in the amount of the grant or the work schedule. (FED funding.) Contact: David Chambers.
 - b. **CITY OF CHULA VISTA.** Possible approval of Amendment 1 to Agreement 006-09-ECE ARRA to change the scope of work for a streetlight retrofit and extend the term of the loan to March 31, 2012. The City requests a retrofit with LED lamps instead of induction lamps. This will save the City approximately \$197,616 annually. There is no change in the amount of the loan. Contact: Karen Perrin.
 - c. **STATE CONTROLLER'S OFFICE.** Possible approval of Amendment 1 to Contract 200-08-002 with the State Controller's Office. The amendment is for a time extension of three years, to June 30, 2014, and adds \$9,900 for each year to process California Automated Travel Expense Reimbursement System (CalATERS) expenses. (ERPA funding.) Contact: Mark Jones.

Commissioner Douglas moved and Vice Chair Boyd seconded approval of the Consent Calendar. The vote was unanimous. (4-0)

2. **MIDWAY SUNSET COGENERATION PROJECT (85-AFC-3C).** Possible approval of a petition to amend the Midway Sunset Cogeneration project to allow the replacement of Unit B's DLN-9 (dry low nitrogen oxide combustor) system with a DLN-1+ combustion system, and to revise applicable air quality conditions of certification. Contact: Christina Snow. (10 minutes)

Commissioner Douglas moved and Vice Chair Boyd seconded approval of the petition. The vote was unanimous. (4-0)

3. **GILROY COGENERATION POWER PROJECT (84-AFC-4C).** Possible approval of a petition to amend the Gilroy Cogeneration project to allow for the installation of a dry

low nitrogen oxide combustor unit, and to update air quality conditions of certification to meet recent changes in the Bay Area Air Quality Management District Rules and Regulations. Contact: Christina Snow. (10 minutes)

Commissioner Peterman moved and Commissioner Douglas seconded approval of the petition. The vote was unanimous. (4-0)

4. CALIFORNIA INSTITUTE FOR ENERGY AND ENVIRONMENT. Possible approval of Contract 200-10-006 with the Regents of the University of California, Berkeley, California Institute of Energy and Environment (CIEE) for a tenant agreement and reimbursement of rental fees in the amount of \$23,170. CIEE will sublet 1,550 square feet of space leased by the Energy Commission at 1500 5th Street in Sacramento while working with the Energy Research and Development Division on various agreements. Contact: Mark Hutchison. (5 minutes)

Commissioner Peterman recused herself from the discussion of and vote on Item 4 and left the room. Vice Chair Boyd moved and Commissioner Douglas seconded approval of Contract 200-10-006. The vote was unanimous. (3-0)

5. BOULDER ELECTRIC VEHICLE, INC. Possible approval of Agreement ARV-10-039 for a grant of \$3 million to Boulder Electric Vehicle, Inc. to retrofit and retool a manufacturing facility for mass production of electric vehicles in Los Angeles. (ARFVTF funding.) Contact: Larry Rillera. (5 minutes)

Commissioner Peterman returned. Vice Chair Boyd moved and Commissioner Douglas seconded approval of Agreement ARV-10-039 and a finding that the project is categorically exempt from further environmental impact review. The vote was unanimous. (4-0)

6. ARCHITECTURAL ENERGY CORPORATION. Possible approval of Amendment 1 to Contract 400-09-002 with Architectural Energy Corporation to add \$250,000 for additional work within the scope required for the 2013 Nonresidential Buildings Energy Efficiency Standards Update. (ERPA funding.) Contact: Ron Yasny. (5 minutes)

Commissioner Douglas moved and Vice Chair Boyd seconded approval of the amendment to Contract 400-09-002. The vote was unanimous. (4-0)

7. BRUCE A. WILCOX, P. E. Possible approval of Amendment 1 to Contract 400-09-001 for \$250,000 with Bruce A. Wilcox, P.E. for additional work within the work scope required for the 2013 Residential Building Energy Efficiency Standards Update. (ERPA funding.) Contact: Ron Yasny. (5 minutes)

Commissioner Peterman moved and Commissioner Douglas seconded approval of the amendment to Contract 400-09-001. The vote was unanimous. (4-0)

8. STANFIELD SYSTEMS, INC. Possible approval of Purchase Order 10-409.00-004 for \$299,148 with Stanfield Systems, Inc. to provide software model maintenance, support, enhancements and modifications to the Fossil Fuels Office modeling tools. These modeling tools will be used to support the 2011 and future Integrated Energy Policy Reports. (ERPA funding.) Contact: Malachi Weng-Gutierrez. (5 minutes)

Vice Chair Boyd moved and Commissioner Peterman seconded approval of Purchase Order 10-409.00-004. The vote was unanimous. (4-0)

9. SOLOPOWER, INC. Possible approval of Agreement 010-10-CEB for a loan of \$4,997,169 to SoloPower, Inc. to expand the manufacture of flexible thin film solar modules at its San Jose manufacturing facility. The project will expand capacity by nine megawatts per year and is estimated to create or retain 50 full-time equivalent jobs. (ARRA funding.) Contact: Marcia Smith. (5 minutes)

Commissioner Douglas moved and Commissioner Peterman seconded approval of Agreement 010-10-CEB. The vote was unanimous. (4-0)

10. CITY OF CLOVIS. Possible approval of Agreement 008-10-ECE ARRA for a loan of \$953,239 to the City of Clovis to install photovoltaic panels at the Public Safety Building and two fire stations. These projects will reduce the city's annual energy expenditures by \$86,658. (ARRA funding.) Contact: Amir Ehyai. (5 minutes)

Commissioner Douglas moved and Vice Chair Boyd seconded approval of Agreement 008-10-ECE ARRA. The vote was unanimous. (4-0)

11. CITY OF LOS ANGELES. Possible approval of Agreement 007-10-ECD for a loan of \$882,987 to the City of Los Angeles to retrofit interior lighting systems and controls at multiple city-owned buildings. This project will save the city approximately 600,000 kilowatt hours in energy consumption, 220 kilowatts in demand savings, or \$81,376 annually. Based on the loan amount, the simple payback is 10.8 years. (ECAA funding.) Contact: Amir Ehyai. (5 minutes)

Commissioner Peterman moved and Commissioner Douglas second approval of Agreement 007-10-ECD. The vote was unanimous. (4-0)

12. CITY OF PITTSBURG. Possible approval of Agreement 008-10-ECD for a loan of \$425,000 to the City of Pittsburg to change 491 of the City's decorative streetlight fixtures from high pressure sodium (HPS) to light emitting diode (LED) fixtures, and eliminate 134 HPS fixtures and poles. This project will save the city approximately 342,900 kilowatt hours or \$42,000 annually. Based on the loan amount, the simple payback is 10.1 years. (ECAA funding.) Contact: Karen Perrin. (5 minutes)

Vice Chair Boyd moved and Commissioner Peterman seconded approval of Agreement 008-10-ECD. The vote was unanimous. (4-0)

13. CALPINE CORPORATION. Possible approval of Agreement PIR-10-060 for a grant of \$410,000 to Calpine Corporation to develop a reservoir model and reopen three wells in the Caldwell Ranch area of the northwest Geysers to characterize geothermal reservoir capacity and explore redeveloping the area. (PIER electricity funding.) Contact: John Hingtgen. (5 minutes)

Item 13 was moved to the April 20 agenda.

14. APPLIED MATERIALS, INC. Possible approval of Agreement PIR-10-055 with Applied Materials, Inc. for a cost-share grant of \$500,000 to conduct research and develop a new, more cost effective process for manufacturing light-emitting diodes. (PIER electricity funding.) Contact: Dustin Davis. (5 minutes)

Vice Chair Boyd moved and Commissioner Douglas seconded approval of Agreement PIR-10-055. The vote was unanimous. (4-0)

15. **Minutes:**

- a. Possible approval of the March 17, 2011, Business Meeting Minutes.

Vice Chair Boyd moved and Commissioner Douglas seconded approval of the March 17 Minutes. The vote was unanimous. (4-0)

- b. Possible approval of the March 23, 2011, Business Meeting Minutes.

Commissioner Douglas moved and Vice Chair Boyd seconded approval of the March 23 Minutes. The vote was unanimous. (4-0)

16. **Commission Committee Presentations and Discussion:**

Commissioner Douglas announced the May is Bike Month contest and challenged all to participate.

Vice Chair Boyd reported on last week's PIER Advisory Committee meeting and the recent U C Davis Energy Week event at which he and Commissioner Douglas participated. He reported that he will testify on nuclear and seismic safety issues before the U. S. Senate Committee on Environment and Public Works next week.

Commissioner Peterman reported on last week's meeting of the California Municipal Utilities Association Annual Conference, where she was a speaker.

Chair Weisenmiller reported on his attendance at the PIER Advisory Committee Meeting and the IEPA Spring Planning Meeting.

17. **Chief Counsel's Report:** None.

18. **Executive Director's Report:** None.

19. **Public Adviser's Report:** None.

20. **Public Comment:** None.

21. **Internal Organization and Policy.** None.

Appearances:

Mr. Carter Brown, Boulder Electric Vehicle, Inc.

There being no further business, the meeting was adjourned.

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission